

# WYOMING

## Science and Engineering Profile

	Wyoming	U.S.	Rank		Wyoming	U.S.	Rank
Doctoral scientists, 1993	716	430,332	51	Total R&D performance, 1993 (millions)	\$63	\$161,427	50
Doctoral engineers, 1993	102	81,293	49	Industry R&D, 1993 (millions)	\$15	\$117,622	48
S&E doctorates awarded, 1995	50	26,482	46	Academic R&D, 1994 (millions)	\$34	\$20,573	49
of which, in life sciences	34%	24%		of which, in life sciences	50%	55%	
in engineering	22%	23%		in environmental sciences	23%	7%	
in physical sciences	20%	14%		in physical sciences	8%	10%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	37	36,143	46	expenditures, 1993 (millions)	\$270	\$163,994	51
S&E graduate students, 1994				Number of SBIR awards, 1990-94	3	18,023	49
in doctorate-granting institutions	992	438,694	48	Patents issued to state residents, 1995	49	55,717	49
Population, 1995 (000s)	480	262,755	51	Gross state product, 1992 (billions)	\$13.2	\$5,994.1	49
Civilian labor force, 1995 (000s)	256	132,281	51	of which, agriculture	4%	2%	
Personal income per capita, 1995	\$21,321	\$22,788	28	manufacturing, mining, construction	35%	23%	
Federal spending				transportation, communication, utilities	17%	9%	
Total expenditures, 1995 (millions)	\$2,506	\$1,326,294	51	wholesale and retail trade	11%	16%	
R&D obligations, 1994 (millions)	\$37	\$65,654	50	finance, insurance, real estate	12%	18%	
				services	9%	20%	
				government	13%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

## Federal Obligations for Research and Development in Wyoming by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	36,576	8,366	0	9,754	12,535	5,036	885	50
<b>Department of Agriculture</b>	6,954	4,390	0	0	2,550	14	0	42
<b>Department of Commerce</b>	0	0	0	0	0	0	0	na
<b>Department of Defense</b>	2,336	4	0	0	2,332	0	0	48
<b>Department of Energy</b>	9,866	0	0	4,878	183	4,805	0	33
<b>Dept. of Health &amp; Human Services</b>	1,192	0	0	0	670	200	322	51
<b>Department of the Interior</b>	4,384	3,972	0	0	412	0	0	32
<b>Department of Transportation</b>	5,832	0	0	4,876	376	17	563	20
<b>Environmental Protection Agency</b>	40	0	0	0	40	0	0	48
<b>Nat'l Aeronautics &amp; Space Admin.</b>	960	0	0	0	960	0	0	45
<b>National Science Foundation</b>	5,012	0	0	0	5,012	0	0	46
<b>State rank</b>	50	48	na	44	50	35	48	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.